Date Received 10-18-83

MECK C ... ENVIRONMENTAL HEALTH

SIR No. 20138

T. C. No. 10 11-031-25

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER D. C. Robeson Co., Inc
LAST FIRST MIDDLE

2) ADDRESS OF OWNER 10007 Harrisburg Rd ZIP 28215

3) PHONE NO. Home 537-5820 Office _____

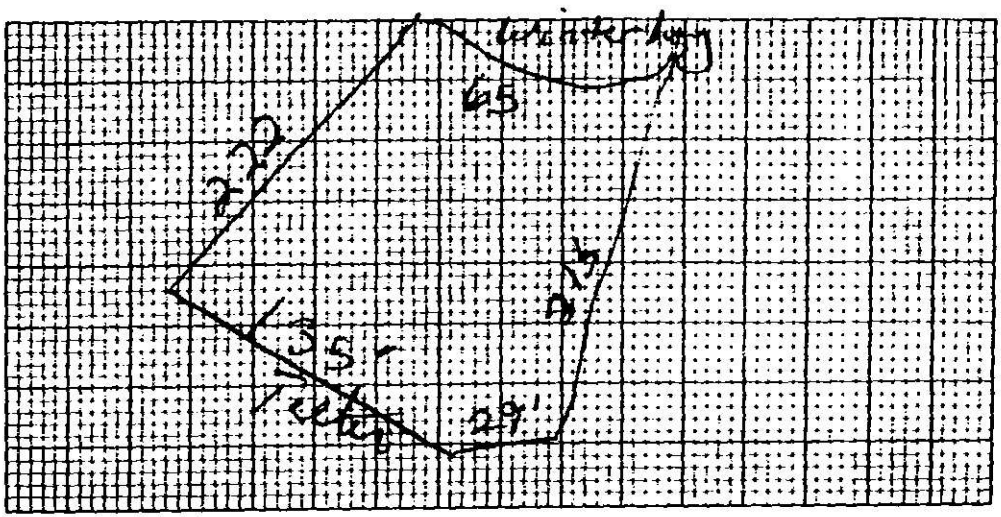
4) LOCATION OF PROPERTY Harrisburg Rd
STREET OR COUNTY ROAD

5) SUBDIVISION Winterwood Est LOT NO. 8 BLOCK NO. _____

MAP BOOK NO _____ PAGE NO. _____

6) DEED REFERENCE: DEED BOOK _____ PAGE NO. _____

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge.



7) ACCURATELY DIAGRAM & DIMENSION LOT

D. C. Robeson
OWNER

END-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Date Received 5-15-85

RECEIVED
MAY 4 - 1985
ENVIRONMENTAL HEALTH

RECEIVED
MAY 15 1985
ENVIRONMENTAL HEALTH

20138
SIR No. 3804
X T. Rg. 111-031-25
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER D C. Robeson Co.
(LAST FIRST MIDDLE)

2) ADDRESS OF OWNER 10007 Harrisburg Rd ZIP 28215

3) PHONE NO. Home 563-6904 Office 563-5025

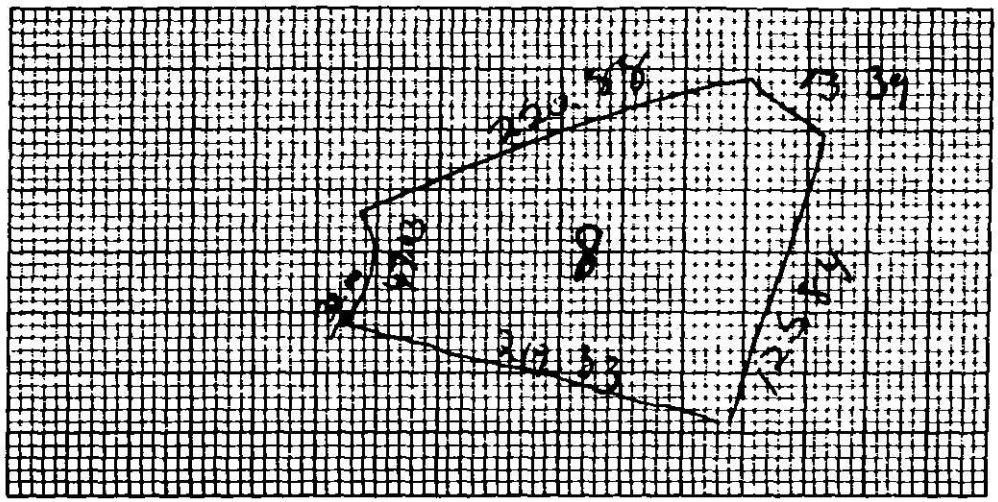
4) LOCATION OF PROPERTY 10007 Harrisburg Rd, (8926 Winterwood Place
STREET OR COUNTY ROAD

5) SUBDIVISION Winterwood LOT NO. 8 BLOCK NO. 81

MAP BOOK NO ~~144~~ 111 PAGE NO. 031

6) DEED REFERENCE: DEED BOOK 4986 / 4654 PAGE NO. 536 / 134

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge.



7) ACCURATELY DIAGRAM & DIMENSION LOT

Diane Robeson
OWNER

BHD-5-76

Environmental Health Department's Copy

MECKLENBURG COUNTY
Department of Environmental Health

FILE NO. 20138

DATE 5/10/85

D. C. Robeson Co., Inc.
10007 Harrisburg Rd.
Charlotte, N. C. 28215

Re: Property located at Winterby Place, Harrisburg Road, Lot 8

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation, showed the site to be classified **unsuitable** for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

North Carolina General Statute 130A-335 and 10 NCAC 10A .1948 (c) provides that:

> Sites originally classified as **UNSUITABLE** may be used for soil absorption disposal systems, provided engineering, hydrogeologic, and soil studies indicate to the local health department that a suitable septic tank system or a suitable alternate system can reasonably be expected to function satisfactorily. Such sites may be reclassified as **PROVISIONALLY SUITABLE** upon submission to the local health department and when requested by the local health department to the state agency of the following:
>
> (1) Adequate substantiating data to indicate that a ground absorption system can be installed so that the effluent will receive adequate treatment;
>
> (2) Adequate substantiating data to indicate that the effluent will not contaminate any drinking water supply, ground water used for drinking water, or any surface water;
>
> (3) Adequate substantiating data to indicate that the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

Upon receipt of a request for reclassification as provided for above, the submission of plans and specifications for an applicable sewerage treatment system, and the approval of such system as submitted, the department will issue the appropriate permits.

If I may be of any assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr.
Environmental Health Supervisor

Enclosure

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 2C138

T.C. NO. M-11-03125

(Ground Absorption Sewage Disposal)

OWNER: R.C. Anderson Co.
ADDRESS: 10809 Harrisburg Road, Charlotte, N.C. 28215
LOCATION OF SITE: Winterley Pl.

PLAT NO: Lot 6
LOT SIZE: Approx. 5A

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-6% U	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) clay U some 2-1	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S 24-36" PS (U)	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S 24" to PS Saprolite U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S Some drainage PS Mottles (U) 30-36"	S PS U	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IV H			
9. SITE CLASSIFICATION	Unsuitable			
10. SOIL SERIES	Cecil-Helena			

S - Suitable PS - Provisionally Suitable U - Unsuitable

**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: Upper 24" of profile is provisionally suitable

Described by: William R. Mullis
Title: Soil Scientist

Date: 5-7-85

2L

SEE INSTRUCTIONS ON BACK

Date Received 5/7/1985

ICAR(S) Application No. 20138

T. C. No. 111-031-08

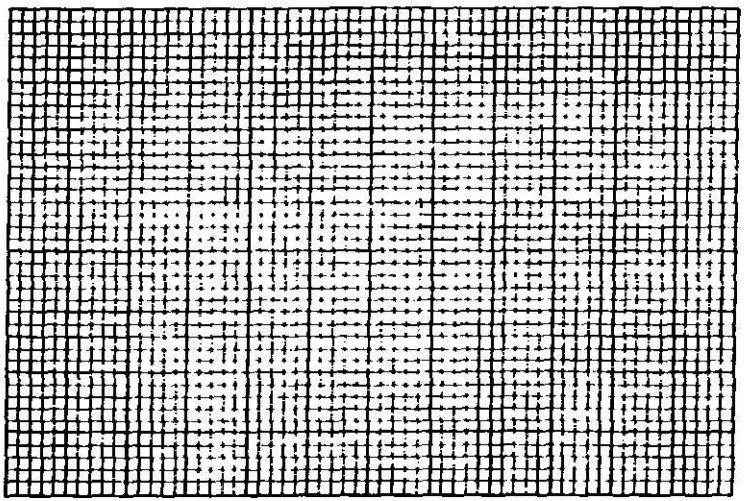
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to:

1) ✓ Install or Construct 2) ____ Alter or Repair an individual septic tank wastewater treatment system with a subsurface, soil absorption, effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____ Yes ____ No
Residence ✓ Yes ____ No

4) No. of Bedrooms 4
5) Business Use — Max No Employees ____
6) Washing Machine ✓ Yes ____ No
7) Garbage Disposal ✓ Yes ____ No
8) Dishwasher ✓ Yes ____ No
9) Water Supply
A) Individual Well ✓
B) Governmental System ____
C) Community System
1 Well source ____
2 Governmental source ____
10) Sewage System:
House located within 200 feet of public sewer ____ Yes ✓ No
House located within 200 feet of community sewer ____ Yes ✓ No
11) FHA Case No. ____
12) VA Case No. ____

13) NAME OF OWNER HANEY (LAST) MICHAEL (FIRST) STEVEN (MIDDLE)

14) ADDRESS OF OWNER 3209 MICHELLE DR MATTHEWS, N.C.

15) PHONE NO. Home 846-2884 Office ____

16) LOCATION OF SYSTEM 8126 WINTERWOOD PL. (STREET OR COUNTY ROAD)

17) SUBDIVISION WINTERWOOD ESTATES Lot No. 8 Block No. ____

Map Book No. 20 Page No. 903

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ____ YES ____ NO DATE RUN ____

20) PTR NUMBER (See Instructions) ____

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

5/7/1985
DATE OF APPLICATION

Mike Haney
OWNER

EHB-5-76

Environmental Health Department's Copy

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 26138

T.C. NO. MC 111-82125

(Ground Absorption Sewage Disposal)

OWNER: D.C. Robinson Co.
ADDRESS: 10609 Harrisburg Road Charlotte, N.C. 28215
LOCATION OF SITE: Winterley Pl.

PLAT NO: 4178
LOT SIZE: Approx. 84

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	S (PS) 2-8% U	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) clay some 2-1 U	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS 24-36" (U)	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S 30" to Saprolite PS U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S Some Avail. PS Mottles (U) 30-36"	S PS U	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	WH			
9. SITE CLASSIFICATION	Unsuitable			
10. SOIL SERIES	Cecil-Helena			

S - Suitable PS - Provisionally Suitable U - Unsuitable

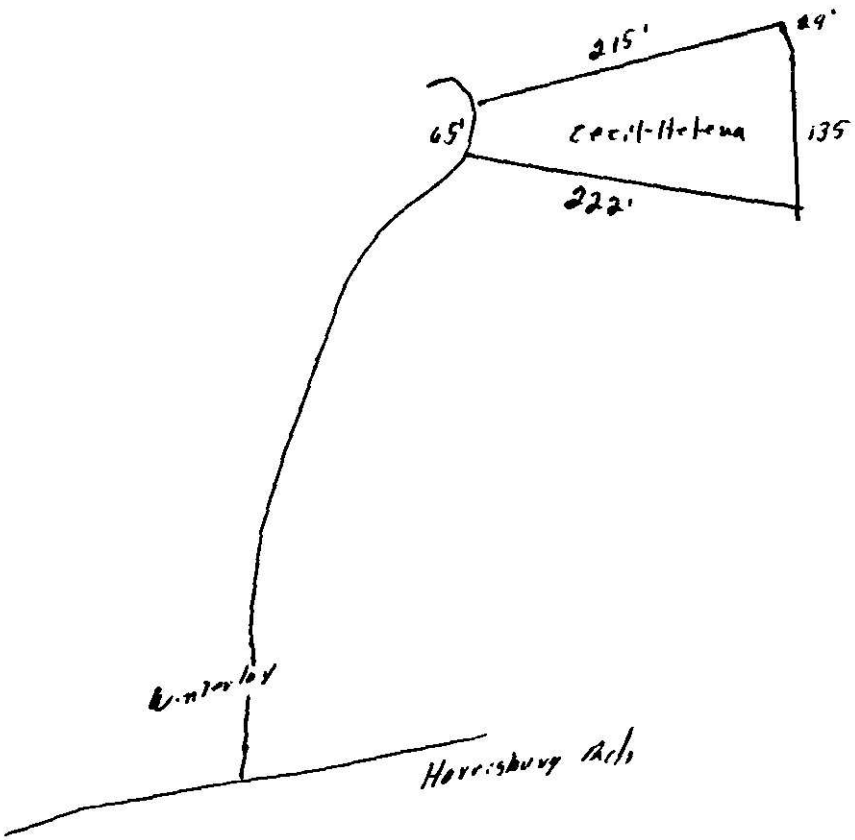
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: Upper 24" of profile is provisionally suitable

Described by: William R. Mullis
Title: Soil Scientist

Date: 5-7-85

2



LS

SEE INSTRUCTIONS ON BACK

Date Received 5/7/1985

ICAR (S) Application No. 20138

T. C. No. 111-031-08

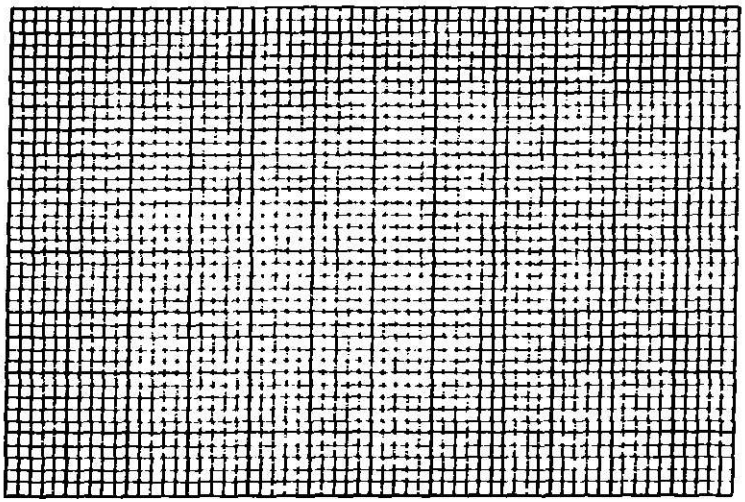
Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to:

1) ✓ Install or Construct 2) _____ Alter or Repair an individual septic tank wastewater treatment system with a subsurface, soil absorption, effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ____Yes ____No
Residence ✓Yes ____No

4) No. of Bedrooms 4
5) Business Use — Max No Employees ____
6) Washing Machine ✓Yes ____No
7) Garbage Disposal ✓Yes ____No
8) Dishwasher ✓Yes ____No
9) Water Supply
A) Individual Well ✓
B) Governmental System ____
C) Community System
1 Well source ____
2 Governmental source ____
10) Sewage System:
House located within 200 feet of public sewer ____Yes ✓No
House located within 200 feet of community sewer ____Yes ✓No
11) FHA Case No. ____
12) VA Case No. ____

13) NAME OF OWNER HANEY (LAST) MICHAEL (FIRST) STEVEN (MIDDLE)

14) ADDRESS OF OWNER 3209 MICHELLE DR. MATTHEWS, N.C.

15) PHONE NO. Home 846-2384 Office ____

16) LOCATION OF SYSTEM 8126 WINTERWOOD PL. (STREET OR COUNTY ROAD)

17) SUBDIVISION WINTERWOOD ESTATES Lot No. 8 Block No. ____

Map Book No. 20 Page No. 903

18) DEED REFERENCE — DEED BOOK ____ AT PAGE ____

19) HAS A SOIL INVESTIGATION BEEN RUN? ____ YES ____ NO DATE RUN ____

20) PTR NUMBER (See Instructions) ____

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

5/7/1985
DATE OF APPLICATION

Mike Haney
OWNER

EHD-5-76

Environmental Health Department's Copy

SIR 20138,

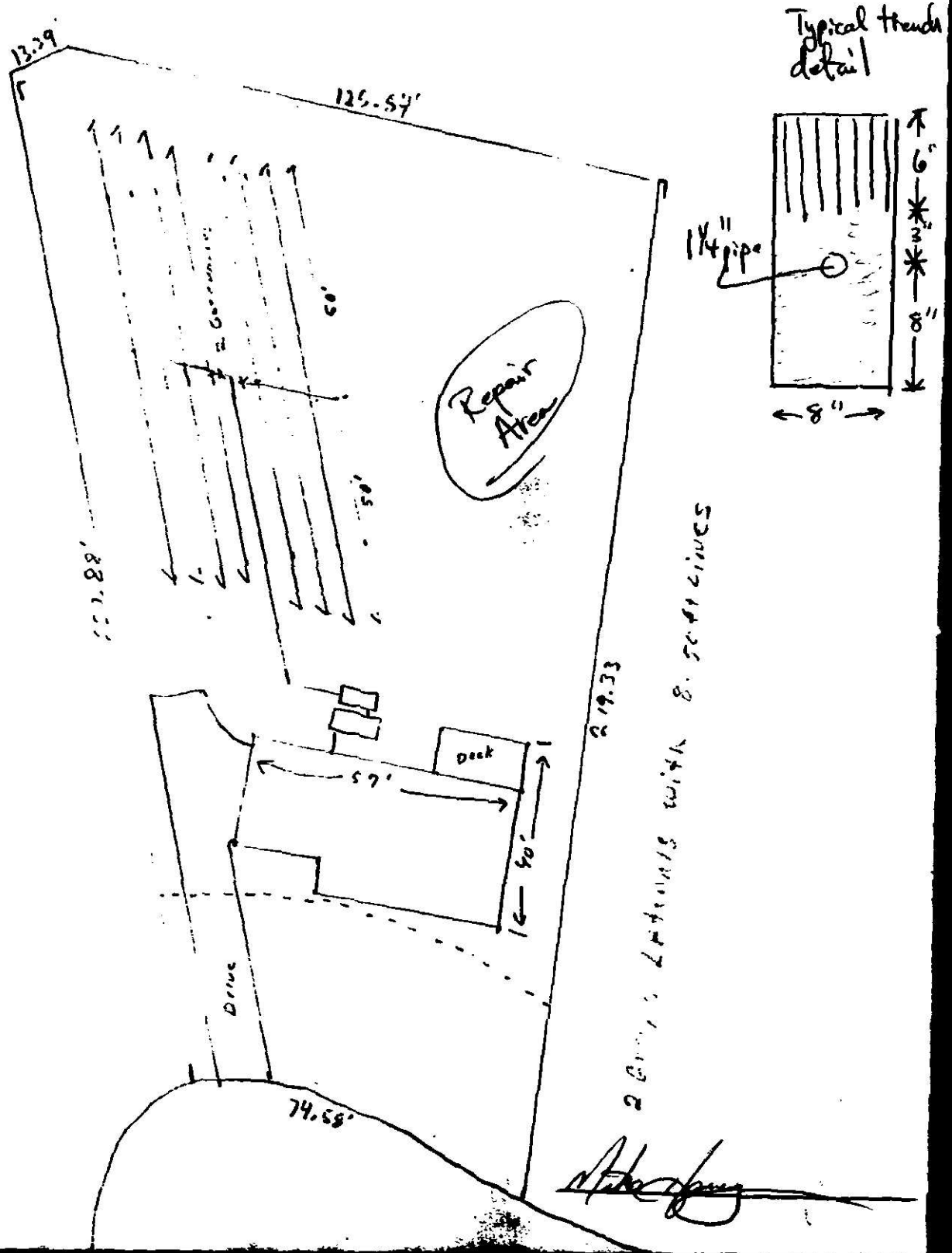
Daily waste flow	600 gpd
Septic tank size	1500 gallons
Pumping tank size	1000 gallons
Effluent loading rate	0.15 gpd/f x ^{2}
Absorption area	4000 ft^2
Total length of laterals	800 ft.
Lateral diameter	1¼"
Lateral configuration	16 x 50 ft. each
Supply line length	75 ft.
Supply line diameter	2 inch
Manifold placement	Center
Hole size*	5/32 inch
Hole spacing	60 inches
Number of holes	144
Pressure head	3 feet
Flow per hole	0.5 gpm
Total flow	72 gpm
Elevation head	60 ft.
Friction head	6.5 ft.
Pressure head	3.0 ft.
Total head	15.0 ft.
Pump requirements	72 gpm @ 15 ft. TDH
Storage volume in laterals	51 gallons
Storage volume in supply line	12 gallons
Total storage volume	63 Gallons
Dosing volume	240 gallons
Dosing depth	10 inches
Check valve needed?	Yes

*Data on hole size, spacing, pressure head and flow must be listed for each line for systems where lines are different (such as sloping lots).

Line No.	Hole Size	# Holes	Head Pressure	Flow/Hole	Hole Spacing*	Flow/Line

Intended installation area is level.

SIR 20138


Typical trench detail
1¼" pipe
6"
8"
8"
125.54'
13.39
Repair Area
50'
50'
111.88'
219.33
Deck
57'
40'
Drive
74.58'

Date Issued 9/16/85

Serial No. 08499

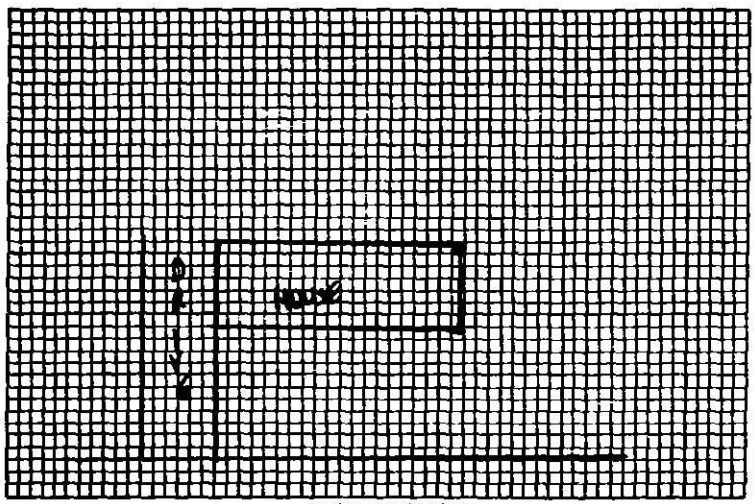
ICAR(S) Permit No. 20138

T. C. No. 111-031-06

Map Date L

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓Install or Construct, ____Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 20138, dated 5/7/85 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 10/16/85, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate PS

Liquid Capacity of Tank 1500 + 1000

Tank Construction PCC

Absorption and/or Nitrification Lines:

Total Line Length 800'

Number of Lines 16 X 50'

Distance from House 5'

Distance from Property Line 10'

Distance from Well 100'

NAME OF OWNER Haney Michael Steven

LOCATION OF PROPERTY 8126 Winterwood Place

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Install in accordance with plans on file

Comments:

B. Hardister
Division or Section Head

Cynthia G. Boss
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-5-76

Environmental Health Department's Copy

C of A (s) No. 20138

Date Issued 9/19/85 **Serial** 7850 T. C. No. 111-031-06

L CRT

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF COMPLETION
CERTIFICATE OF APPROVAL
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner Haney (LAST) Michael (FIRST) Steven (MIDDLE)

Location of Property 8126 Winterwood Place

Application Number 20138 Permit Number 20138

Inspection Data:

Liquid Capacity of Tank 1500+1000 Tank Material PCC

Total Length of Drain Tile 800' Number of Lines 16 X 50'

Depth of Filter Material 10" Cover Depth 6" - 10"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected 9/19/85 (DATE) Tank Inspected 9/19/85 (DATE)

Nitrification Field Inspected 9/19/85 (DATE)

Washing Machine Line Inspected, If Applicable ____ (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, ____ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments: Installed as Permitted

Cynthia G. Bass
Environmentalist

EHD-S-76

Environmental Health Department's Copy